



2002P16918US01

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FIG. 1

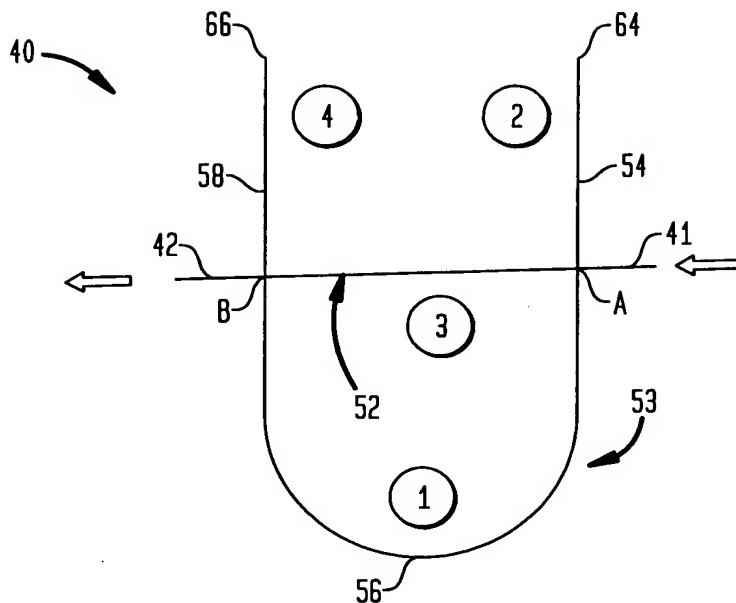
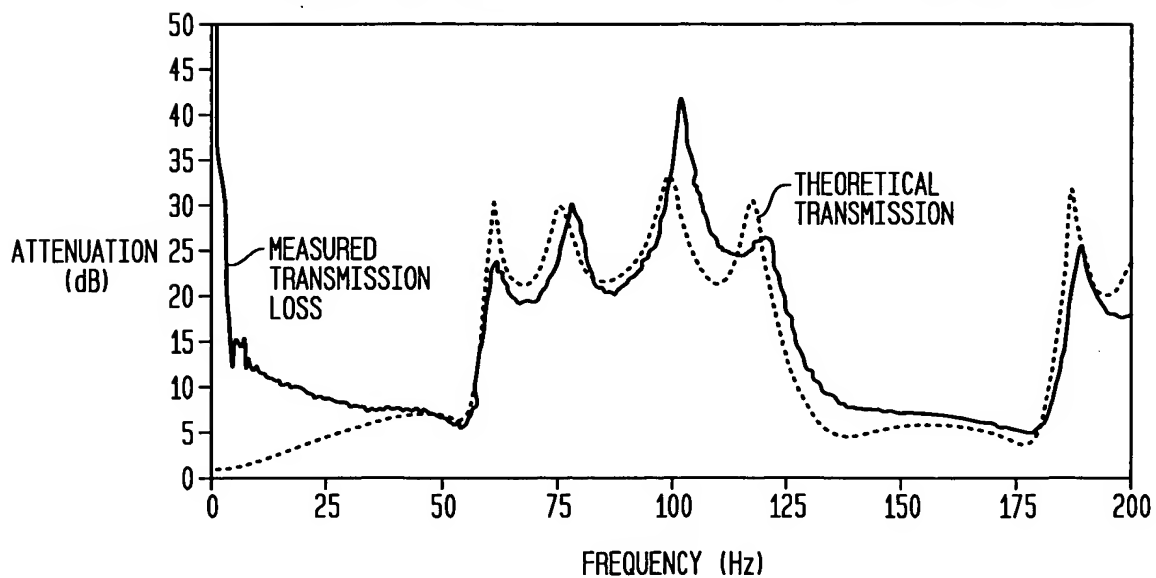


FIG. 2

TRANSMISSION LOSS OF OPTIMIZED ACCOUSTIC NOTCH FILTER
OPTIMIZATION BANDWIDTH: 60 Hz - 120 Hz; CENTER FREQUENCY 90 Hz



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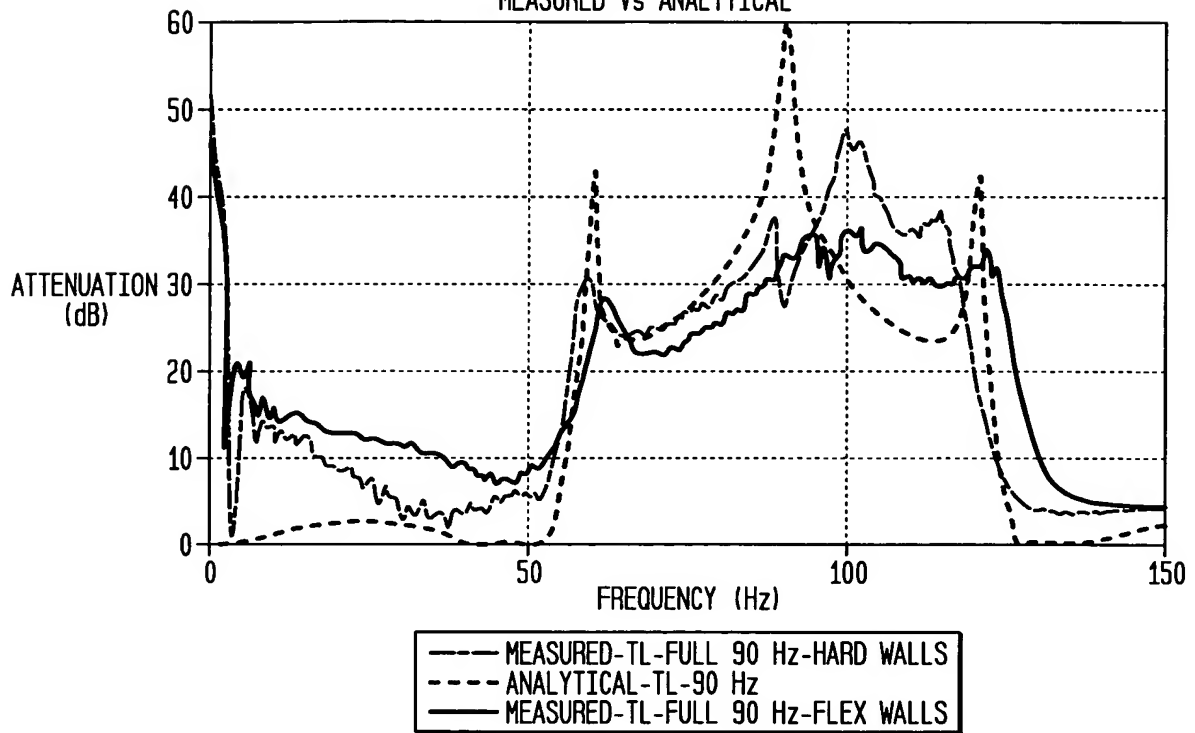
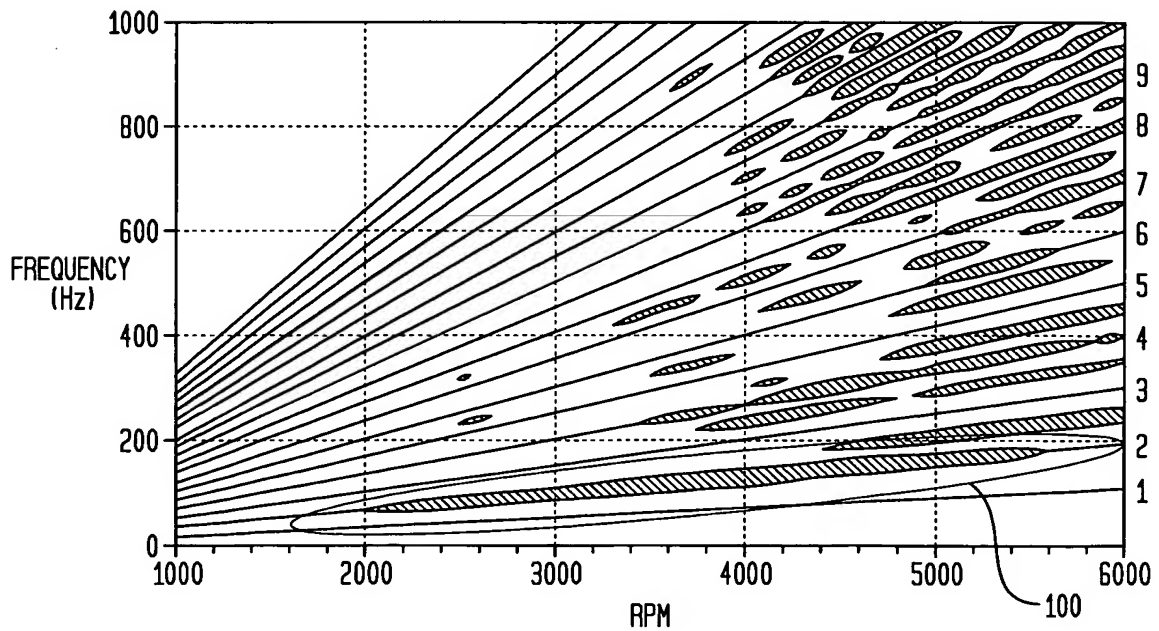
FIG. 3TRANSMISSION LOSS: 90 Hz HERSCHEL-QUINCKE TUBE
MEASURED Vs ANALYTICAL**FIG. 4A**

FIG. 4B

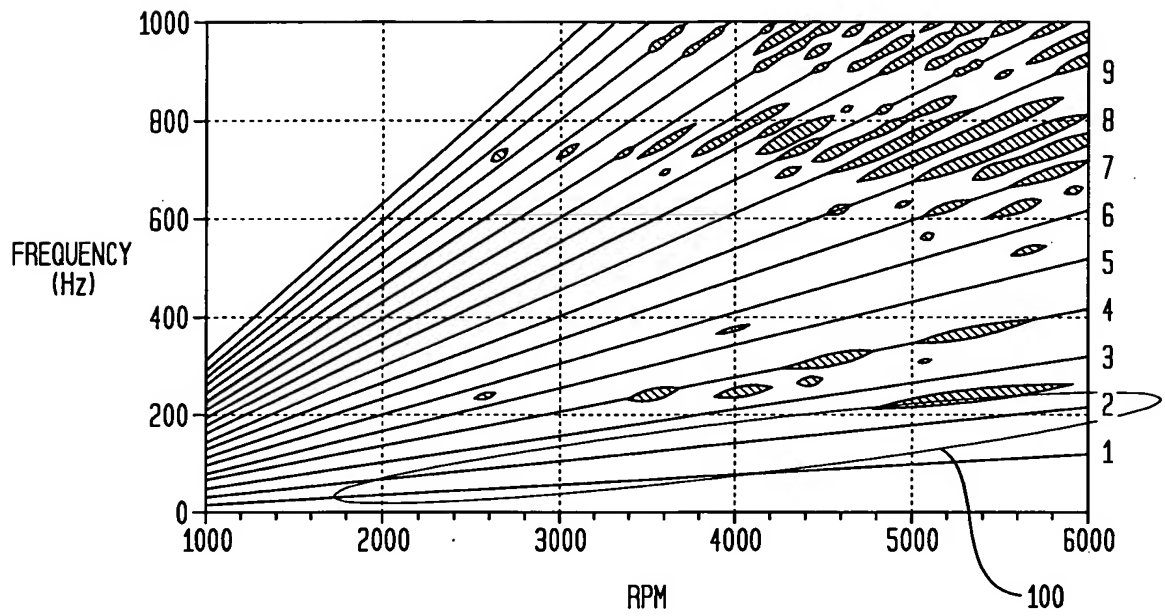


FIG. 5

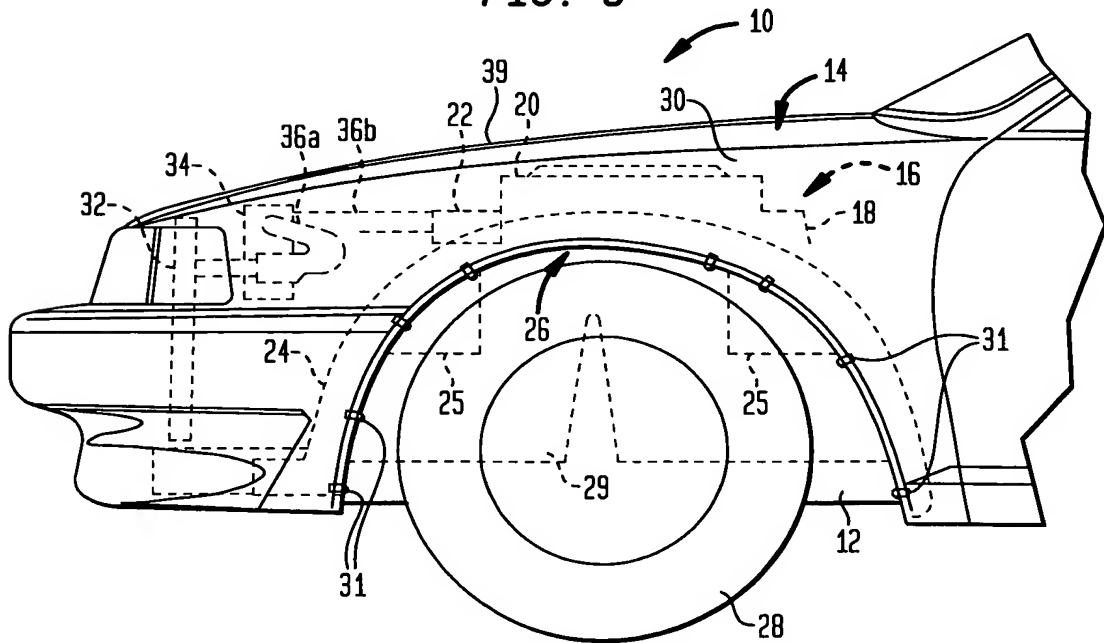


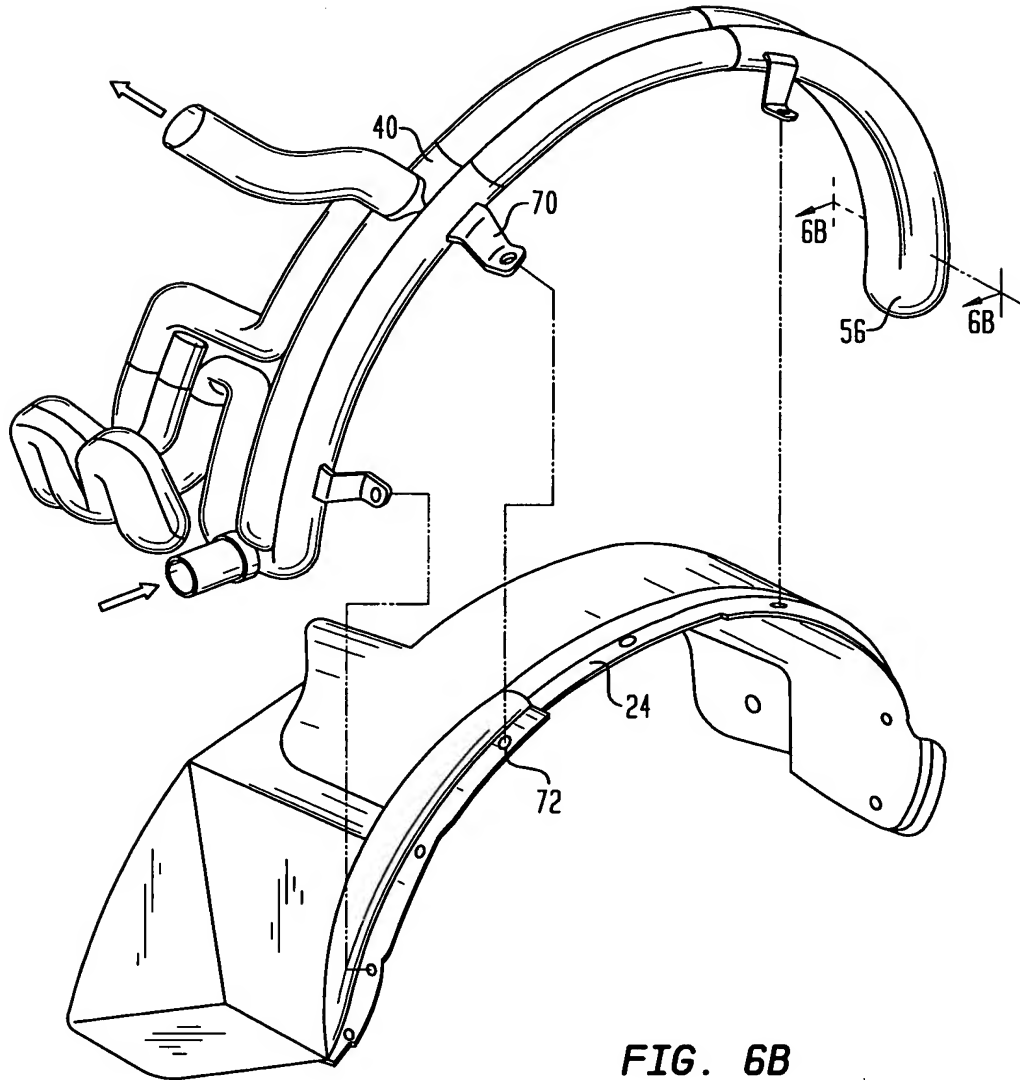
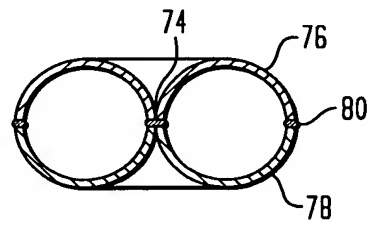
FIG. 6A**FIG. 6B**

FIG. 7

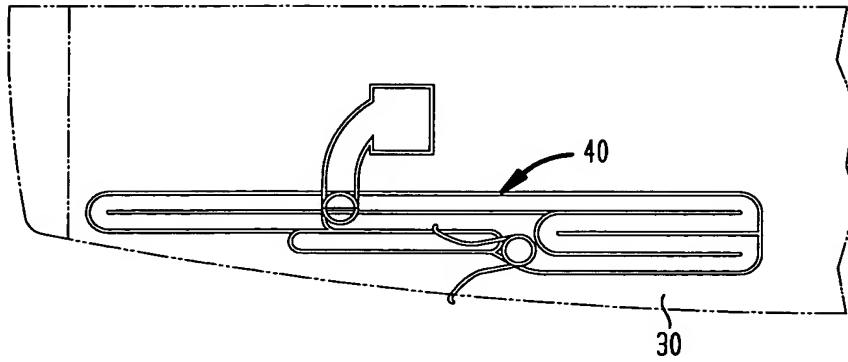


FIG. 8

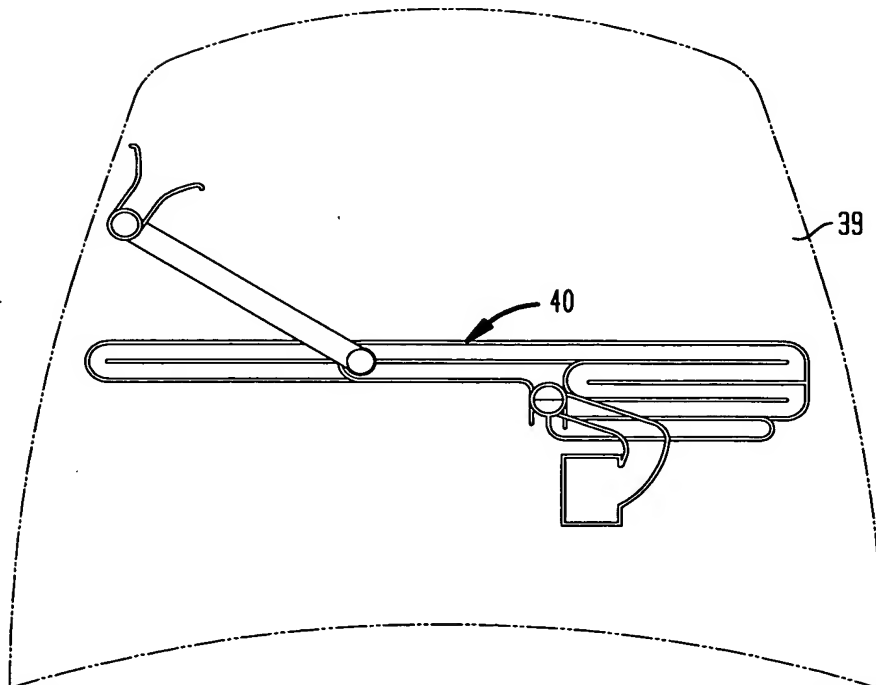


FIG. 9

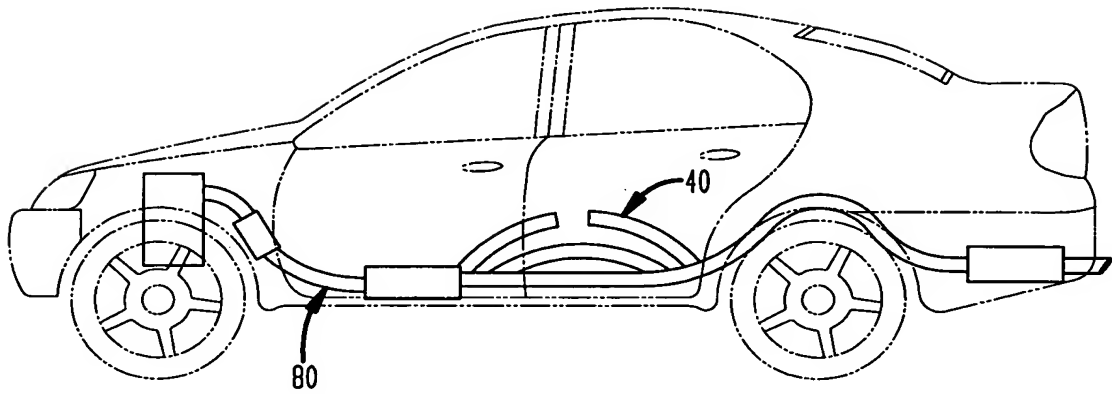


FIG. 10

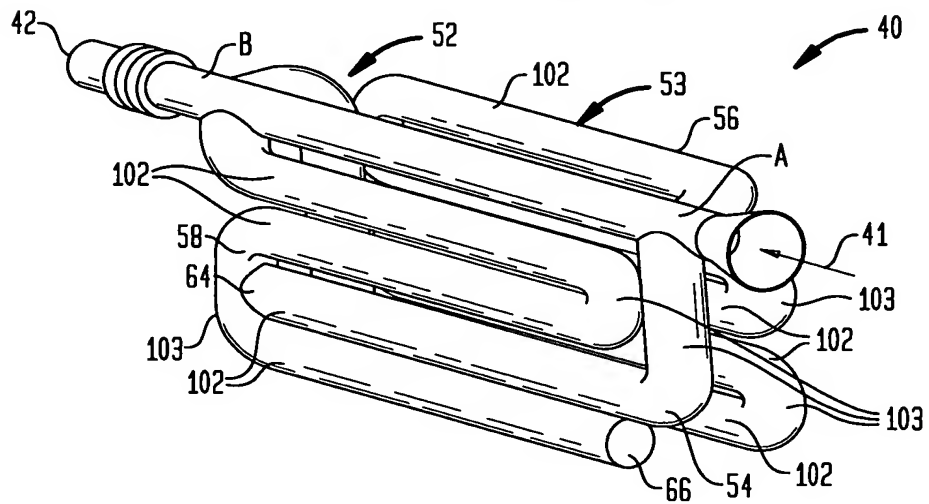


FIG. 11

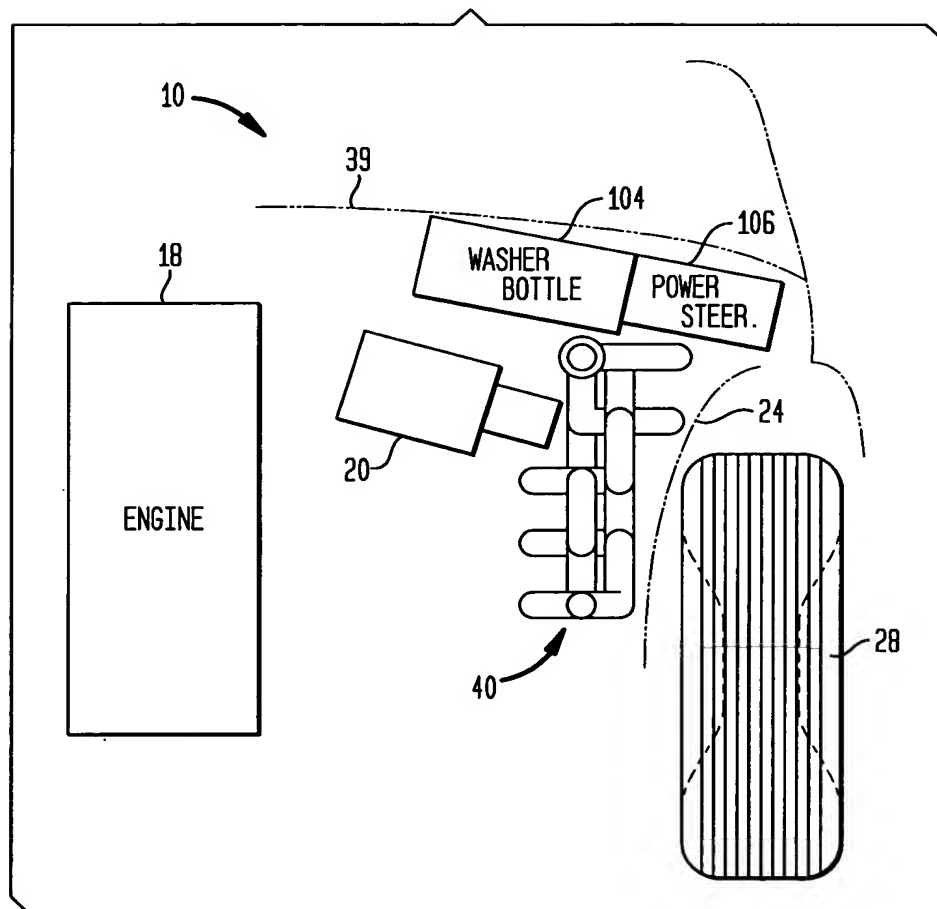


FIG. 12

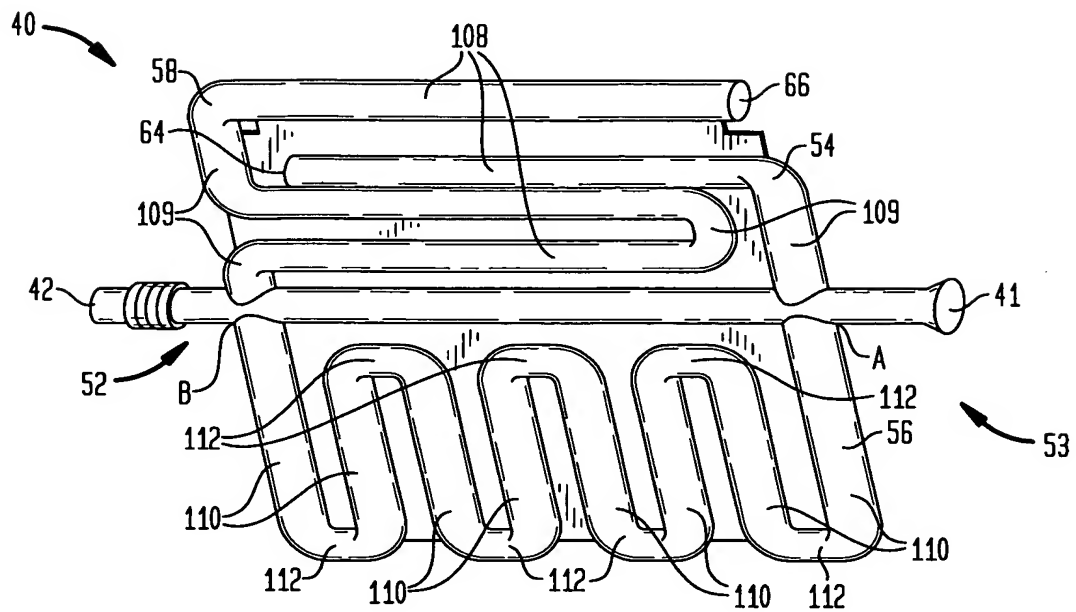


FIG. 13

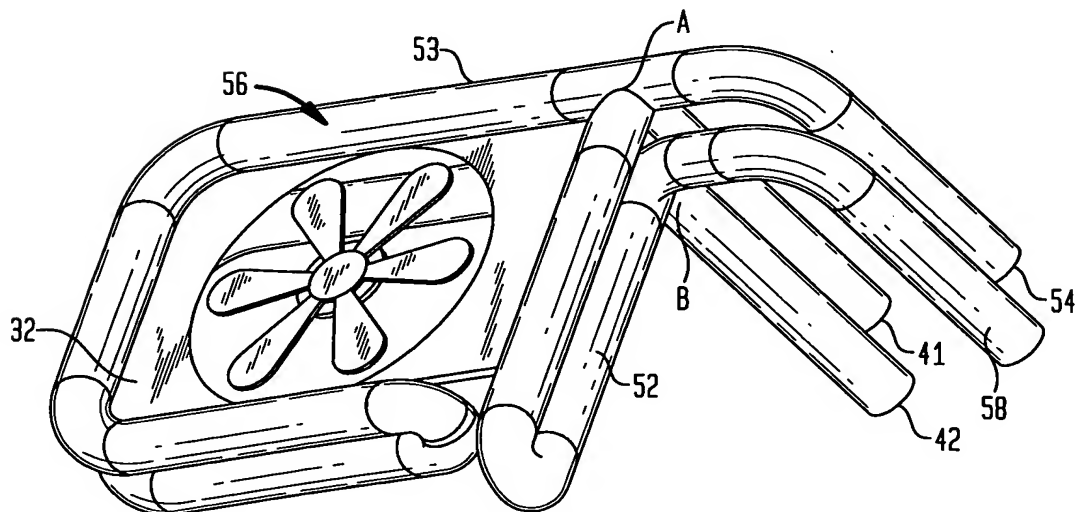


FIG. 14

